

10/069, 649

10/069, 649  
JCTD/Recd PCT/PTO 26 FEB 2002

SUBSTITUTE FORM PTO-1390  
(REV 5-93)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER  
8830-27

**TRANSMITTAL LETTER TO THE UNITED**

**STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO.  
(If known, see 35 U.S.C. 155)

EXPRESS MAIL NO. EL 931089682 US

INTERNATIONAL APPLICATION NO.  
**PCT/GB00/03273**

INTERNATIONAL FILING DATE  
**25 August 2000**

PRIORITY DATE CLAIMED  
**26 August 1999**

**TITLE OF INVENTION: HEAT TRANSFER DEVICES**

**APPLICANT(S) FOR DO/EO/US: Aws Nashef; Ted Vander Wiede; ; Robert McNair; Stephen Wilson; and Simon Andrews**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371 (b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau (as noted in PCT/IB/308).
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired
  - d. ☒ have not been made and will not be made.
8. ☒ Amendments to the claims of the International Application under PCT Article 34.
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau (as noted in PCT/IPEA/416).
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. ☒ A copy of the unsigned oath or declaration of the inventors. (35 U.S.C. 371 (c)(4)).
11. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 12. to 16. below concern other document(s) or information included:**

12. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
13. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
14. ☒ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☒ Other items or information:  
Certification of Express Mailing Under 37 CFR 1.10  
Courtesy Copy of Publication PCT/GB00/03273

U.S. APPLICATION NO. 10/069649 INTERNATIONAL APPLICATION NO. CT/GB00/03273

ATTORNEY'S DOCKET NUMBER: 8830-27

18. ☒ The following fees are submitted:

Basic National Fee (27 CFR 1.492(a)(1)-(5)):

Search Report has been prepared by the EPO or JPO .....\$890.00

International preliminary examination fee paid to USPTO (37 CFR 1.482).....

No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....

International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4).....

ENTER APPROPRIATE BASIC FEE AMOUNT =

CALCULATIONS

PTO USE ONLY

\$ 890.00

Surcharge of \$130.00 for furnishing the oath or declaration later than 20 X 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 130.00

Claims	Number Filed	Number Extra	Rate		
Total Claims	28 - 20 =	8	x \$18.00	\$ 144.00	
Independent Claims	2 - 3 =	0	x \$84.00	\$	
Multiple dependent claim(s) (if applicable)			+ \$280.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 1164.00	

Reduction by 1/2 for filing by small entity, applicable. Applicant is a Small Entity.

\$

SUBTOTAL = \$ 1164.00

Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

TOTAL NATIONAL FEE = \$ 1164.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

\$

TOTAL FEES ENCLOSED = \$ 1164.00

Amount to be refunded

\$

Amount to be charged

\$ 1164.00

a. ☒ A check in the amount of \$ 1164.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fee. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 500573. A duplicate of this sheet is enclosed.

SEND ALL CORRESPONDENCE TO:

R bert E. Cannuscio

DRINKER BIDDLE & REATH LLP (Customer Number 23973)

On Logan Square

18<sup>th</sup> & Cherry Streets

Philadelphia, Pennsylvania 19103-6996

Unit d States of America



23973

PATENT TRADEMARK OFFICE

*[Signature]*

SIGNATURE

Rob rt E. Cannuscio

NAME

36,469

REGISTRATION NUMBER

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.1)**

Applicant(s): Aws Nashef et al.

Docket No.

8830-27

Serial No. Int'l PCT/GB00/03273	Filing Date Int'l August 25, 2000	Examiner Not Yet Assigned	Group Art Unit Not Yet Assigned
------------------------------------	--------------------------------------	------------------------------	------------------------------------

Invention:

Heat Transfer Devices

I hereby certify that this National Phase Entry of PCT/GB00/03273, associates papers and filing fees  
(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under  
37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C.

20231-0001 on February 26, 2002  
(Date)

Therese McKinley

(Typed or Printed Name of Person Mailing Correspondence)

Therese McKinley

(Signature of Person Mailing Correspondence)

EL 931089682 US

("Express Mail" Mailing Label Number)

**Note: Each paper must have its own certificate of mailing.**